

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	67	((KAI) near2 (SCHUMACHER)).INV.	US- PGPUB; USPAT	ADJ	ON	2010/06/21 00:33
L2	36	((MONIKA) near2 (OSWALD)).INV.	US- PGPUB; USPAT	ADJ	ON	2010/06/21 00:34
S1	2	("20010011105"   "6027669").PN.	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:32
S2	1009	423/335.ccls.	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:43
S3	79	OH NEAR2 "nm.sup.2"	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:44
S4	12	S2 and S3	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:45
S5	211956	S3 and silica OR "SiO. sub.2"	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:45
S6	71	S3 and (silica OR "SiO. sub.2")	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:45
S7	41	S3 WITH (silica OR "SiO. sub.2")	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:46
S8	33	S7 and surface area	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:46
S9	5	S8 and (doped OR doping OR dope OR dopant)	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:46
S10	5	S7 and (doped OR doping OR dope OR dopant)	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:47
S11	47320	surface area and (doped OR doping OR dope OR dopant)	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:47

S12	10	S3 and (doped OR doping OR dope OR dopant)	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:48
S13	4	S4 AND (fumed OR pyroly \$5)	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:50
S14	64	S2 and (doped OR doping OR dope OR dopant)	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:54
S15	5229	silica WITH mixed WITH oxide	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:54
S16	40	S15 and S2	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:55
S17	5	S4 AND (fumed OR pyroly \$5 OR pyrogenic\$5)	US- PGPUB; USPAT	ADJ	ON	2008/09/19 18:59
S18	1	"5623028".pn.	US- PGPUB; USPAT	ADJ	ON	2008/09/29 14:54
S19	87	(silica WITH (fumed OR pyroly\$5 OR pyrogenic \$5)) SAME (mixed metal oxide OR solid solution OR composite oxide)	US- PGPUB; USPAT	ADJ	ON	2008/09/29 15:12
S20	79	OH NEAR2 "nm.sup.2"	US- PGPUB; USPAT	ADJ	ON	2008/09/29 15:12
S21	1	"6328944".pn.	US- PGPUB; USPAT	ADJ	ON	2008/09/29 15:33
S22	2434	(OH NEAR2 "nm.sup.2") OR (hydroxyl WITH density)	US- PGPUB; USPAT	ADJ	ON	2009/04/16 15:32
S23	1041	423/335.ccls.	US- PGPUB; USPAT	ADJ	ON	2009/04/16 15:32
S24	27	S22 and S23	US- PGPUB; USPAT	ADJ	ON	2009/04/16 15:32
S25	1306	S22 and (silica OR "SiO. sub.2")	US- PGPUB; USPAT	ADJ	ON	2009/04/16 15:33
S26	3	S25 and mathias	US- PGPUB; USPAT	ADJ	ON	2009/04/16 15:33

S27	261	S25 and nmr	US-PGPUB; USPAT	ADJ	ON	2009/04/16 15:37
S28	2434	(OH NEAR2 "nm.sup.2") OR (hydroxyl WITH density)	US-PGPUB; USPAT	ADJ	ON	2009/04/17 15:05
S29	1306	S28 and (silica OR "SiO. sub.2")	US-PGPUB; USPAT	ADJ	ON	2009/04/17 15:05
S30	313	S29 and (increase WITH density)	US-PGPUB; USPAT	ADJ	ON	2009/04/17 15:05
S31	85	OH NEAR2 "nm.sup.2"	US-PGPUB; USPAT	ADJ	ON	2010/01/12 18:06
S32	44	S31 WITH (silica OR "SiO. sub.2")	US-PGPUB; USPAT	ADJ	ON	2010/01/12 18:06
S33	121	(OH OR hydroxy\$5) NEAR2 "nm.sup.2"	US-PGPUB; USPAT	ADJ	ON	2010/01/12 18:07
S36	44	S32 AND (silica OR "SiO. sub.2")	US-PGPUB; USPAT	ADJ	ON	2010/01/12 18:07
S38	2603	(OH NEAR2 "nm.sup.2") OR (hydroxyl WITH density)	US-PGPUB; USPAT	ADJ	ON	2010/01/12 18:13
S39	1407	S38 AND (silica OR "SiO. sub.2")	US-PGPUB; USPAT	ADJ	ON	2010/01/12 18:13
S40	4	S39 and Mathias	US-PGPUB; USPAT	ADJ	ON	2010/01/12 18:13
S41	1	(Aerosil "220") AND (filler)	US-PGPUB; USPAT	ADJ	ON	2010/01/26 12:52
S42	0	(Aerosil "S220") AND (filler)	US-PGPUB; USPAT	ADJ	ON	2010/01/26 12:52
S43	33	(Aerosil WITH ("220" OR "111" OR "S220" OR "S111")) AND filler	US-PGPUB; USPAT	ADJ	ON	2010/01/26 12:54
S44	1095	423/335.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/01/29 17:46
S45	922	(OH NEAR2 "nm.sup.2") OR (hydroxyl NEAR3 density)	US-PGPUB; USPAT	ADJ	ON	2010/06/16 14:07

S46	1121	423/335.ccls.	US- PGPUB; USPAT	ADJ	ON	2010/06/16 14:08
S47	23	S45 and S46	US- PGPUB; USPAT	ADJ	ON	2010/06/16 14:08
S48	21	S47 and acid	US- PGPUB; USPAT	ADJ	ON	2010/06/16 14:08
S49	15	S47 and (hydroly\$6) and acid\$2	US- PGPUB; USPAT	ADJ	ON	2010/06/16 14:09
S50	204	S46 AND (fumed OR pyroly\$5)	US- PGPUB; USPAT	ADJ	ON	2010/06/16 14:16
S52	167	S50 and acid	US- PGPUB; USPAT	ADJ	ON	2010/06/16 14:17
S53	1274	(OH NEAR2 "nm.sup.2") OR ((hydroxyl OR OH) NEAR3 density)	US- PGPUB; USPAT	ADJ	ON	2010/06/16 14:18
S54	5	S52 and S53 and silica	US- PGPUB; USPAT	ADJ	ON	2010/06/16 14:18
S55	5	S52 and S53 and (silica OR silicon oxide OR silicon dioxide OR "SIO. sub.2")	US- PGPUB; USPAT	ADJ	ON	2010/06/16 14:18
S56	3538	flame hydrolysis	US- PGPUB; USPAT	ADJ	ON	2010/06/16 15:17
S57	83	S56 and S46	US- PGPUB; USPAT	ADJ	ON	2010/06/16 15:17
S58	1	S57 and S53	US- PGPUB; USPAT	ADJ	ON	2010/06/16 15:17
S59	64	S57 and acid	US- PGPUB; USPAT	ADJ	ON	2010/06/16 15:19
S60	24	S59 and hydroxyl	US- PGPUB; USPAT	ADJ	ON	2010/06/16 15:20
S61	1697	(OH NEAR2 "nm.sup.2") OR ((hydroxyl OR OH OR silanol) NEAR3 density)	US- PGPUB; USPAT	ADJ	ON	2010/06/16 15:28

S63	10	S56 and S46 and S61 and S59	US- PGPUB; USPAT	ADJ	ON	2010/06/16 15:28
S64	61	thermal silica	US- PGPUB; USPAT	ADJ	ON	2010/06/16 15:37

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	97	((KAI) near2 (SCHUMACHER)).INV. OR ((MONIKA) near2 (OSWALD)).INV.	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/06/21 00:34
L4	1367	423/335-337.col3	US- PGPUB; USPAT; UPAD	ADJ	ON	2010/06/21 00:36

6/ 21/ 2010 12:55:55 AM

C:\Documents and Settings\dliao\My Documents\EAST\Workspaces\10 524037 silica powder OH density.wsp